

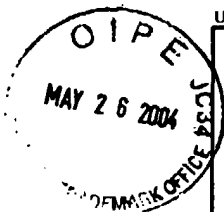
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | Application Number       | 10/726,148       |
|   |   |    |   | Filing Date              | December 2, 2003 |
|   |   |    |   | First Named Inventor     | Yoshimura et al. |
|   |   |    |   | Group Art Unit           | 1652             |
|   |   |    |   | Examiner Name            | Monshipouri, M.  |
| Sheet   | 1 | of | 1 | Attorney Docket Number   | PF613TD1         |

| U.S. PATENT DOCUMENTS          |                       |                      |                                   |   |  |   |
|--------------------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials <sup>*</sup> | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|                                |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
| M.R.                           | AA                    | 5,990,293            |                                   | Docherty et al.                                 | 11-23-1999                                       |   |

| FOREIGN PATENT DOCUMENTS       |                       |                         |                     |                                   |   |  |   |   |
|--------------------------------|-----------------------|-------------------------|---------------------|-----------------------------------|---|--|---|---|
| Examiner Initials <sup>*</sup> | Cite No. <sup>1</sup> | Foreign Patent Document |                     |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T |
|                                |                       | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |   |  |   |   |
| M.R.                           | AB                    | WO                      | 97/09430            |                                   | Celltech Therapeutics Ltd.                      | 03-13-1997                                       |   |   |

| OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS |                       |   |  |  |  |
|--|-----------------------|---|--|--|--|
| Examiner Initials <sup>*</sup>                     | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  |  |
| M.R.   | AC                    | GENBANK Accession No. A61275, "Sequence 1 from Patent WO9709430," (March 1998).   |  |  |  |
| M.R.   | AD                    | HITE, et al., "Sequence of a cDNA clone encoding the zinc metalloprotease hemorrhagic toxin e from Crotalus atrox: Evidence for signal, zymogen and disintegrin-like structures," Biochemistry 31:6203-6211 (1992).   |  |  |  |
| M.M.   | AE                    | HOWARD, et al., "Molecular cloning of MADM: a catalytically active mammalian disintegrin-metalloprotease expressed in various cell types," Biochem. J. 317:45-50 (1996).  |  |  |  |
| M.M.   | AF                    | KRATZSCHMAR, et al., "Metargidin, a membrane-anchored metalloprotease-disintegrin protein with an RGD integrin binding sequence," J. Biol. Chem. 271(9):4593-4596 (1996).   |  |  |  |
| M.R.   | AG                    | PAINE, M.J.I. et al., "Cloning of metalloprotease genes in the carpet viper ( <i>Echis pyramidum leakeyi</i> ): Further members of the metalloprotease/disintegrin gene family," Eur. J. Biochem. 224:483-488 (1994).   |  |  |  |
| M.M.   | AH                    | WOLFSBERG, T.J. et al., "ADAM, a novel family of membrane proteins containing a disintegrin and metalloprotease domain: Multipotential functions in cell-cell and cell-matrix interactions," J. Cell Biol. 131:275-278 (1995).                                  |  |  |  |

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|--------------------|-----------------------|-----------------|--------|
| Examiner Signature | <i>M. Monshipouri</i> | Date Considered | 7/7/04 |
|--------------------|-----------------------|-----------------|--------|

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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